

# Mineral Industry Surveys

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## SILVER IN OCTOBER 2005

U.S. mines produced 88,100 kilograms (kg) of silver in October, a 9% decrease compared with September production of 97,300 kg, according to the U.S. Geological Survey. U.S. silver production decreased by 15%, compared with October 2004 production of 104,000 kg.

Nevada's silver production decreased by 21%, to 19,900 kg compared with October 2004 production of 25,100 kg.

Engelhard Industries' average silver price for October was \$7.70 per troy ounce, about a 7% increase from the average September price of \$7.20 per troy ounce, and about 8% more than the average October 2004 price of \$7.15 per troy ounce.

TABLE 1  
MINE PRODUCTION OF RECOVERABLE SILVER  
IN THE UNITED STATES, BY STATE<sup>1</sup>

(Kilograms)

	Nevada	Other States <sup>2</sup>	Total
<b>2004:<sup>p</sup></b>			
October	25,100	79,000	104,000
November	22,200	77,900	100,000
December	34,100	82,500	117,000
January-December	302,000	944,000	1,250,000
<b>2005:</b>			
January	15,700	102,000	118,000
February	20,400	95,300	116,000
March	26,000	87,300	113,000
April	22,200	76,600	98,800
May	17,600	77,500	95,100
June	25,900	81,600	108,000
July	21,300	73,500 <sup>r</sup>	94,800 <sup>r</sup>
August	W	99,300 <sup>r</sup>	99,300 <sup>r</sup>
September	W	97,300 <sup>r</sup>	97,300 <sup>r</sup>
October	19,900	68,300	88,100
January-October	169,000	859,000	1,030,000

<sup>p</sup>Preliminary. <sup>r</sup>Revised.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes Alaska, Arizona, California, Colorado, Idaho, Missouri, Montana, Utah, Washington, and State indicated by symbol W.

TABLE 2  
SILVER PRICES

(Dollars per troy ounce)

Engelhard Industries:	
2004:	
Low/date	5.60 May 13
High/date	8.23 Apr. 7
Average	6.69
2005:	
August:	
Low/date	6.79/29
High/date	7.32/1
Average	7.04
September:	
Low/date	6.94/13
High/date	7.59/30
Average	7.20
October:	
Low/date	7.41/3 and 5
High/date	7.89/27
Average	7.70
Year to date:	
Low/date	6.42 Jan. 4
High/date	7.89 Oct. 27
Average	7.15
Handy and Harman:	
2004, Average	6.69
2005:	
August	7.03
September	7.19
October	7.70
Year to date	7.15
London Final: <sup>1</sup>	
2004, Average	6.65
2005:	
August	7.04
September	7.15
October	7.67
Year to date	7.14

<sup>1</sup>Reported as "London Spot/US Equiv."

Source: Platts Metals Week.

TABLE 3  
U.S. IMPORTS OF SILVER, BY COUNTRY<sup>1</sup>

Period and country	Bullion		Doré		Ores and concentrates <sup>2</sup>		Ash and residues		Total	
	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)
2004	3,410,000	\$728,000	346,000	\$117,000	2,220	\$1,410	6,710	\$1,530	3,760,000	\$848,000
2005:										
July	341,000	76,800	14,000	3,430	--	--	315	79	356,000	80,300
August	335,000	76,100	40,100	11,200	--	--	367	82	375,000	87,300
September:										
Canada	60,500	14,100	--	--	433 <sup>3</sup>	318	--	--	61,000	14,400
Chile	7,000	1,610	10,500	2,310	--	--	--	--	17,500	3,920
Germany	18	4	--	--	--	--	--	--	18	4
Honduras	--	--	69	15	--	--	--	--	69	15
Mexico	160,000	36,200	15,700 <sup>3</sup>	5,150	--	--	--	--	176,000	41,400
Panama	4 <sup>3</sup>	4	--	--	--	--	--	--	4	4
Peru	29,000	6,640	8,420	2,140	--	--	--	--	37,400	8,780
Philippines	256 <sup>3</sup>	41	--	--	--	--	--	--	256	41
Taiwan	--	--	--	--	--	--	204 <sup>3</sup>	68	204	68
United Kingdom	21	7	--	--	--	--	--	--	21	7
Total	257,000	58,700	34,700	9,620	433	318	204	68	292,000	68,700
Year to date	2,860,000	646,000	222,000	61,900	433	318	1,850	560	3,090,000	709,000

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-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes silver content of base metal ores and concentrates.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

Source: U.S. Census Bureau.

TABLE 4  
U.S. IMPORTS OF SILVER, BY COUNTRY<sup>1</sup>

Period and country	Other unwrought silver		Metal powder		Silver nitrate		Semimanufactured forms <sup>2</sup>		Waste and scrap	
	(gross weight)		(gross weight)		(gross weight)		(gross weight)		(gross weight)	
	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)
2004	342,000	\$69,600	27,400	\$6,920	289	\$66	52,300	\$11,900	2,020,000	\$162,000
2005:										
July	68,500	15,100	3,800	961	--	--	27,200	6,310	461,000	15,700
August	34,900	7,750	4,230	1,120	--	--	20,800	4,700	341,000	10,600
September:										
Australia	--	--	--	--	--	--	24	6	--	--
Bolivia	(3) <sup>4</sup>	3	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	834	183	8,740	131
Canada	802 <sup>4</sup>	209	--	--	--	--	--	--	9,990	4,120
China	--	--	--	--	--	--	--	--	21,000	280
Colombia	--	--	--	--	--	--	--	--	1,620	57
Dominican Republic	--	--	--	--	--	--	--	--	123 <sup>3</sup>	340
France	--	--	365	100	--	--	538	118	66,700	256
Germany	23	4	65	11	--	--	--	--	220	815
Guatemala	--	--	--	--	--	--	--	--	28	285
India	51	13	--	--	--	--	--	--	--	--
Ireland	--	--	--	--	--	--	--	--	7,500	20
Italy	--	--	--	--	--	--	--	--	47	863
Japan	72	15	1,400	353	--	--	--	--	--	--
Jordan	25	5	--	--	--	--	--	--	150	19
Mexico	33,100	7,330	--	--	--	--	--	--	118,000	3,130
Netherlands	335	60	(3) <sup>4</sup>	2	--	--	--	--	--	--
Peru	--	--	--	--	--	--	23,400	5,240	--	--
Philippines	--	--	--	--	--	--	--	--	4	29
South Africa	--	--	--	--	--	--	--	--	56	66
Switzerland	19	3	--	--	--	--	--	--	--	--
Taiwan	--	--	13	2	84 <sup>4</sup>	13	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	18,400	1,160
Total	34,400	7,650	1,840	468	84	13	24,800	5,540	252,000	11,600
Year to date	296,000	67,100	22,600	5,750	627	113	147,000	31,900	3,400,000	105,000

-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Containing 99.5% or more by weight of silver.

<sup>3</sup>Less than ½ unit.

<sup>4</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

Source: U.S. Census Bureau.

TABLE 5  
U.S. EXPORTS OF SILVER<sup>1</sup>

Period and country	Bullion		Doré		Ores and concentrates <sup>2</sup>		Total	
	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)
2004	302,000	\$64,500	79,800	\$18,800	1,560	\$307	384,000	\$83,600
2005:								
July	2,170	551	6,870	2,130	450	101	9,500	2,780
August	8,660	2,240	8,450	2,000	1,010	239	18,100	4,480
September:								
Armenia	--	--	--	--	23 <sup>3</sup>	3	23	3
Canada	94	24	--	--	--	--	94	24
Mexico	20	6	--	--	--	--	20	6
Norway	--	--	170	30	--	--	170	30
Spain	--	--	27	8	7 <sup>3</sup>	4	34	11
Switzerland	--	--	6,120	1,390	--	--	6,120	1,390
Uruguay	2,260	512	--	--	--	--	2,260	512
Total	2,370	542	6,310	1,430	30	7	8,720	1,980
Year to date	137,000	37,600	108,000	29,100	3,480	789	248,000	67,600

-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes silver content of base metal ores and concentrates.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

TABLE 6  
U.S. EXPORTS OF SILVER<sup>1</sup>

Period and country	Other unwrought silver		Metal powder		Silver nitrate		Semimanufactured forms <sup>2</sup>		Waste and scrap	
	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)
2004	39,600	\$8,690	708,000	\$122,000	61,500	\$5,720	269,000	\$48,300	2,240,000	\$424,000
2005:										
July	639	143	39,600	6,950	3,080	268	28,100	4,910	140,000	32,800
August	842	214	68,600	11,900	3,530	415	19,000	3,440	203,000	48,100
September:										
Argentina	--	--	--	--	--	--	87	15	--	--
Australia	--	--	--	--	--	--	87	15	--	--
Belgium	--	--	208	35	--	--	178	34	15,800	2,430
Brazil	--	--	--	--	--	--	--	--	139	18
Canada	689	187	1,970	335	2,300 <sup>3</sup>	76	7,860	1,350	50,100	9,160
China	71	16	210	36	6,880 <sup>3</sup>	1,040	28	5	42,000	5,540
Dominican Republic	77	22	--	--	--	--	171	29	--	--
France	--	--	2,220	378	--	--	494	92	--	--
Germany	--	--	7,080	1,200	2 <sup>3</sup>	5	657	112	45,500	11,200
Hong Kong	47	9	3,010	512	--	--	1,280	217	2,820	362
Israel	--	--	--	--	--	--	98	17	754	153
Italy	--	--	--	--	--	--	26	4	48,900	12,800
Japan	--	--	20,000	3,410	--	--	223	38	2,670	3,930
Kenya	--	--	--	--	--	--	276	47	--	--
Korea, Republic of	--	--	15,900	2,710	30 <sup>3</sup>	3	67	11	2,180	316
Malaysia	--	--	--	--	--	--	145	26	1,540	201
Mexico	--	--	--	--	1,400 <sup>3</sup>	65	2,030	380	--	--
Netherlands	--	--	100	17	--	--	883	150	--	--
Portugal	--	--	--	--	154 <sup>3</sup>	4	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	11,900	3,150
Singapore	--	--	680	122	--	--	46	10	--	--
Spain	--	--	--	--	--	--	2,040	347	--	--
Sweden	--	--	2,980	507	--	--	--	--	3,180	615
Switzerland	--	--	94	16	--	--	--	--	--	--
Taiwan	--	--	4,250	728	--	--	1,210	212	3,510	290
Thailand	29	8	95	16	--	--	--	--	--	--
United Kingdom	227	55	9,340	1,610	--	--	647	110	55	176
Vietnam	--	--	--	--	--	--	--	--	80	28
Other	204 <sup>3</sup>	63	--	--	--	--	136	24	58	33
Total	1,340	358	68,200	11,600	10,800	1,190	18,700	3,250	231,000	50,400
Year to date	12,900	3,220	569,000	97,800	42,600	3,600	237,000	42,000	2,020,000	394,000

-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Containing 99.5% or more by weight of silver.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.